

Recombinant Human N(4)-(beta-N-acetylglucosaminy)-L-asparaginase(AG A),partial

Catalog No: #AP70014

Package Size: #AP70014-1 20ug #AP70014-2 100ug #AP70014-3 1mg

Description

Product Name	Recombinant Human N(4)-(beta-N-acetylglucosaminy)-L-asparaginase(AGA),partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:24-205aaSequence Info:Partial
Other Names	Aspartylglucosaminidase;Glycosylasparaginase;N4-(N-acetyl-beta-glucosaminy)-L-asparagine amidase
Accession No.	P20933
Calculated MW	35.6 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	SSPLPLVVNTWPFKNATEAAWRALASGGSSALDAVESGCAMCEREQCDSVGFGGSPDELGETTLDAMIMDG TTMDVGAVGDLRRKNAIGVARKVLEHTTHTLLVGESATTFAQSMGFINEDLSTTASQALHSDWLARNQCQPNY WRNVIPDPSKYCGPYKPPGILKQDIPHKETEDDRGHD
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Cleaves the GlcNAc-Asn bond which joins oligosaccharides to the peptide of asparagine-linked glycoproteins.

References

Cloning and sequence analysis of a cDNA for human glycosylasparaginase. A single gene encodes the subunits of this lysosomal amidase.Fisher K.J., Tollersrud O.-K., Aronson N.N. Jr.FEBS Lett. 269:440-444(1990)Research Topic:Signal Transduction

Note: This product is for in vitro research use only and is not intended for use in humans or animals.